

**Electronic Filing System (EFS) Data
Electronic Patent Application Submission
USPTO Use Only**

EFS ID: 14940
Application ID: 10063558
Title of Invention: Method and Apparatus For Efficiently Running An Execution Image Using Volatile And Non-Volatile Memory
First Named Inventor: Eiji Oga
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2002-05-02 
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: 1300.01 PD
Digital Certificate Holder: cn=Richard J. Stokey, ou=Registered Attorneys, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S. Government, c=US
Certificate Message Digest: A4i+nZf22uluHTmajXmrqw==
Total Fees Authorized: \$740.0

Payment Category: DA – Deposit Account
Deposit Account Number: 41175
Deposit Account Name: Richard Stokey

TRANSMITTAL FORM

JC474 U.S. PRO
10/06/02 05/02/02
10063558

Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket
Number:

1300.01
PD

Submission Type: Utility Patent
Filing

Method and Apparatus For Efficiently Running An Execution Image Using Volatile And Non-Volatile Memory

First Named Inventor: Mr. Eiji Oga

SUBMITTED BY

Name: Mr. Richard Stokey
Registration Number: 40,383
Electronic Signature Mark: Richard
Stokey Date Signed: 20020502

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

declaration Declaration1.tif
declaration Declaration2.tif

declaration	Declaration3.tif
bibd-transmittal	pd130001apds.xml
fee-transmittal	pd130001fee.xml
specification	130001pd.xml

Attached Image File(s):

Declaration1.tif
Declaration2.tif
Declaration3.tif



Comments:

00000000000000000000000000000000

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

Declaration Submitted with Initial Filing

OR

Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	PD 1300.01 US
First Named Inventor	Eiji Oga
COMPLETE IF KNOWN	
Application Number	/
Filing Date	Herewith
Art Unit	Not Yet Known
Examiner Name	Not Yet Known

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entit

METHOD AND APPARATUS FOR EFFICIENTLY RUNNING AND EXECUTION IMAGE USING**VOLATILE AND NON-VOLATILE MEMORY**

(Title of the Invention)

the specification of which

 is attached hereto

OR

 was filed on (MM/DD/YYYY) [redacted]

as United States Application Number or PCT International

Application Number [redacted] and was amended on (MM/DD/YYYY) [redacted] (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached YES	Certified Copy Attached NO
[redacted]	[redacted]	[redacted]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[redacted]	[redacted]	[redacted]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[redacted]	[redacted]	[redacted]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[redacted]	[redacted]	[redacted]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

 Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 3]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments or suggestions regarding the burden hour statement should be directed to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20591.

DECLARATION -- Utility or Design Patent Application

Direct all correspondence to: Customer Number
or Bar Code Label



OR Correspondence address below

30439

PATENT TRADEMARK OFFICE

Name

Address

City

State

ZIP

Country

Telephone

Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR

A petition has been filed for this unsigned inventor

Given Name
(first and middle [if any]) Eiji

Family Name
or Surname Oga

Inventor's
Signature

Date 4/18/02

Residence: City San Diego

State California

Country US

Citizenship Japan

Mailing Address 11776 Westview Parkway #65

City San Diego

State California

ZIP 92126

Country US

NAME OF SECOND INVENTOR:

A petition has been filed for this unsigned inventor

Given Name
(first and middle [if any]) Kazuhiro

Family Name
or Surname Miyoshi

Inventor's
Signature

Date 4/24/02

Residence: City San Diego

State California

Country US

Citizenship Japan

Mailing Address 5350 Toscana Way E-408

City San Diego

State California

ZIP 92122

Country US

Additional inventors are being named on the 3 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

Please type a plus sign (+) inside this box →

Approved for use through 10/31/2002. OMB 0651-003

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet Page 3 of 3
--------------------	--	--

Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor	
--	---	--

Given Name (first and middle [if any])	Family Name or Surname	
--	------------------------	--

Park	Uh	
------	----	--

Inventor's Signature		
----------------------	---	--

Date 4/18/02

Residence: City San Diego	State California	Country US	Citizenship Korea
---------------------------	------------------	------------	-------------------

Mailing Address 318 Luiseno Avenue

Mailing Address

City Oceanside	State California	ZIP 92057	Country US
----------------	------------------	-----------	------------

Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
--	---	--	--

Given Name (first and middle [if any])	Family Name or Surname		
--	------------------------	--	--

Inventor's Signature			
----------------------	--	--	--

Date

Residence: City	State	Country	Citizenship
-----------------	-------	---------	-------------

Mailing Address

Mailing Address

City	State	ZIP	Country
------	-------	-----	---------

Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
--	---	--	--

Given Name (first and middle [if any])	Family Name or Surname		
--	------------------------	--	--

Inventor's Signature			
----------------------	--	--	--

Date

Residence: City	State	Country	Citizenship
-----------------	-------	---------	-------------

Mailing Address

Mailing Address

City	State	ZIP	Country
------	-------	-----	---------

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comment on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 740

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 04-1175



Deposit Account Name: Discovision Associates

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

SUBMITTED BY

Authorized Name: Richard Stokey

Electronic Signature Mark: Richard Stokey

Date Signed: 20020502

BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 10	103	\$ 18	0	\$ 0
Independent Claims: 2	102	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0